

128/200

849,573

COMPLETE SPECIFICATION

1 SHEET

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GB-09-1960

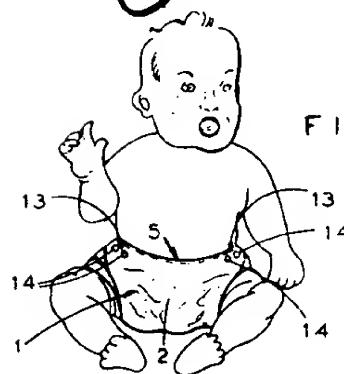


FIG. 1.

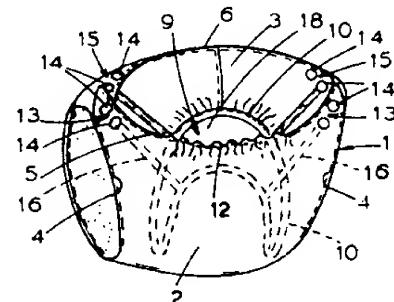


FIG. 4.

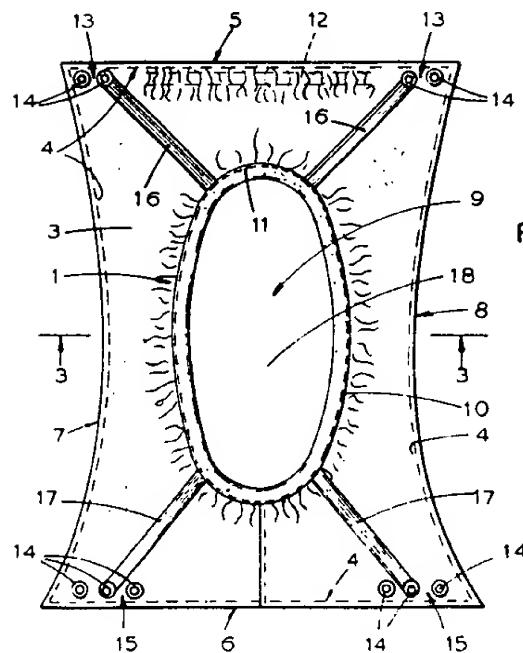


FIG. 2.

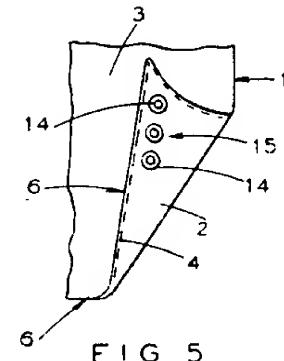


FIG. 5.

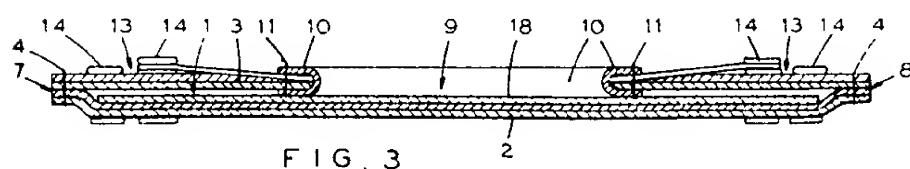


FIG. 3.

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# PATENT SPECIFICATION

DRAWINGS ATTACHED

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COPY

56

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## COMPLETE SPECIFICATION

### Improvements in or relating to diaper holders

1. SHOJI OHARA, a Japanese Subject, of 55 Minami-Honmachi, 4 chome, Higashi-ku, Osaka, Japan, do hereby declare the invention, for which I pray that a patent may 5 be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:

This invention relates to a diaper holder and it is a general object of the invention to 10 provide a simple, practical, improved construction of diaper holder.

It is a further object of the present invention to provide an improved diaper holder which is adapted to fit and hold a diaper 15 securely, comfortably and naturally to the curved surfaces of a baby's body.

It is another object of this invention to provide an improved diaper holder so constructed that it is very easy to put in and 20 take out the diaper, and so that the folded diaper is securely fitted and never moves or drops out by the motion of the baby, and the folded diaper does not move to one side.

A further object of this invention is to 25 provide a pinless diaper holder which is worn comfortably and held firmly around the body of a child, and in which the tightening of the diaper holder can be adjusted and positioned on the child's body.

30 According to the invention there is provided a diaper holder including a flat receptacle of flexible material having a diaper opening therein, so that a diaper may be detachably fitted within said receptacle and 35 under said opening, said holder being shaped to extend between a baby's legs, with said opening and diaper in the appropriate position under the baby's body, and the forward and rear portions of said holder 40 being extended upwardly over the front and rear parts, respectively, of the baby's body, and the ends of said holder being overlapped

around the sides over the hips of the baby's body, snap fasteners at the four corners of the receptacle for detachably holding said overlapping ends of said holder together around the sides of the baby's body over the baby's hips, an elastic tape surrounding the edge of the diaper opening, and four additional elastic tapes connected at one end to snap fasteners, at the four corners of the receptacle, respectively, and connected at their other ends to the elastic tape surrounding the edge of the diaper opening.

Further according to the invention there is 45 provided a diaper holder comprising a receptacle of flexible material including an outer sheet and an inner sheet, joined together at their outer edges, means for detachably securing together the opposite corners of said receptacle around a child's body, with said receptacle extended between the legs of the child, said inner sheet being 50 provided with an opening leading into said receptacle, which opening is positioned to be placed directly under the child's body when the diaper holder with a diaper detachably positioned in said receptacle extending directly under said opening is placed on a child, and elastic bands secured each at one 55 end to the edge of said opening and at their other ends to said inner sheet near the corners, respectively, of said inner sheet, to hold the edge of said opening firmly against the child's body in the appropriate position.

70 The invention is illustrated by way of example in the accompanying drawings, in which:

75 Figure 1 is a perspective view of my diaper holder shown fastened in position on a child;

Figure 2 is a plan view of a diaper holder embodying a form of the present invention and showing the parts positioned with the

inner and outer sheets, the four elastic tapes on the four corners and the snap fasteners;

Figure 3 is a vertical detailed cross-sectional view of a diaper holder taken as indicated on line 3—3 on Figure 2 and is a view illustrating the relation of the inner and outer sheets, the elliptical opening and its surrounding elastic tape and the four 10 elastic corner tapes;

Figure 4 is a perspective view showing the form of the diaper holder when it is worn, and

Figure 5 is a fragmentary plan view of one corner of the diaper holder showing one 15 corner of the diaper holder unfastened and folded back.

Referring more particularly to the drawings, the diaper holder comprises a diaper receptacle of general rectangular outline 20 designated 1, formed of an outer double-wall sheet of suitable moisture proof soft plastic 2, and an inner double-wall sheet of suitable moisture proof soft plastic 3, which sheets are sewed together by stitching 4 or 25 otherwise secured along their end edges 5 and 6, and along their side edges 7 and 8 respectively. The end edges 5 and 6 are shorter than the side edges 7 and 8 of the diaper holder 1, and said side edges are 30 inwardly curved so that the ends of the diaper holder 1 are wider than the intermediate portion of said holder, as shown in Figure 2 of the drawings. The inner sheet 3 is provided with an elliptical opening 9, the 35 major axis of which extends centrally lengthwise of the diaper holder 1. An elastic tape 10 is folded over the edge of said opening 9 and said tape is sewed to the inner sheet 3 by stitching 11 near the outer edge of said tape 10. Between the outer double-wall sheet 2 and the inner double-wall sheet 3 near the upper end edge 5 of the diaper holder is sewed an elastic band 12.

To the inner side of the diaper holder 1, 45 near the upper edge 5 and at the upper corners, respectively thereof, are secured the female members, generally indicated at 13, of two rustproof snap fasteners 14. To the outer side of the diaper holder 1 near the 50 lower edge 6 and at the lower corners, respectively, thereof, are secured the male members, generally indicated at 15, of three snap fasteners 14. To the inner side of the inner sheet 3 and to the innermost female 55 members 13 of the snap fasteners 14 are secured the outer ends of two elastic straps 16, respectively, the inner ends of which straps are extended under and secured to the tape 10 and said inner sheet 3 by the stitching 60 11, at one side of the opening 9. To the inner side of the inner sheet 3, and to the intermediate male members of said snap fasteners 14 are secured the outer ends of two elastic straps 17, respectively, the inner 65 ends of which straps are extended under and

secured to the tape 10 and the inner sheet 3 by the stitching 11, at the other side of the opening 9 in said sheet.

Some paper or cloth folded diapers 18, as shown in Figure 3 of the drawings are put 70 into the receptacle 1 through the opening 9 in the inner sheet 3 and are spread out within said receptacle and detachably held in position therein by and between the outer plastic sheet 2 and the inner plastic sheet 3. 75

The diaper holder of my invention is used as follows:

With a diaper 18 inserted through the opening 9 into position in the receptacle 1, and with said diaper extending under said opening, my diaper holder is extended between a baby's legs with the opening 9 in the inner sheet 3 in the appropriate position under the baby's body, and the one end 5 and other end 6 of said diaper holder are drawn upwardly over the front and back, respectively, of the baby's body, and the diaper holder is drawn around the sides of the baby's body and said ends 5 and 6 of said holder are snapped together by the male members 15 and female members 13 of the snap fasteners 14 over the hips of the baby, as shown in Figure 1 of the drawing. 80 85 90

When it is necessary to remove the diaper holder and diaper 18 from the baby to change diapers, it is only necessary to unfasten the snap fasteners 14 and withdraw the diaper holder and then remove the diaper 18 from the holder receptacle 1 through the opening 9 in the inner sheet 3. 95 100 105

In the use of my diaper holder only the diaper 18 becomes soiled, and this is easily washable in mild soap and water.

When my diaper holder is secured in position on the child's body, the elastic bands 105 16 and 17 are stretched and hold the diaper holder under slight tension firmly against the lower part of the child's body, with the diaper 18 directly under the child's body in the appropriate position. 110

#### WHAT I CLAIM IS:--

1. A diaper holder including a flat receptacle of flexible material having a diaper opening therein, so that a diaper may be detachably fitted within said receptacle 115 and under said opening, said holder being shaped to extend between a baby's legs, with said opening and diaper in the appropriate position under the baby's body, and the forward and rear portions of said holder 120 being extended upwardly over the front and rear parts, respectively of the baby's body, and the ends of said holder being overlapped around the sides over the hips of the baby's body, snap fasteners at the four corners of 125 the receptacle for detachably holding said overlapping ends of said holder together around the sides of the baby's body over the baby's hips, an elastic tape surrounding the edge of the diaper opening, and four addi- 130

tional elastic tapes connected at one end to snap fasteners at the four corners of the receptacle, respectively, and connected at their other ends to the elastic tape 5 rounding the edge of the diaper opening.

2. A diaper holder comprising a receptacle of flexible material including an outer sheet and an inner sheet, joined together at 10 their outer edges, means for detachably securing together the opposite corners of said receptacle around a child's body, with said receptacle extended between the legs of the child, said inner sheet being provided with an opening leading into said receptacle, 15 which opening is positioned to be placed directly under the child's body when the diaper holder with a diaper detachably positioned in said receptacle extending dir-

ectly under said opening is placed on a child, and elastic bands secured each at one end to the edge of said opening and at their other ends to said inner sheet near the corners, respectively, of said inner sheet, to hold the edge of said opening firmly 20 against the child's body in the appropriate position.

3. A diaper holder constructed and arranged substantially as described herein with reference to the accompanying drawings. 25

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